

## Message Text

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PAGE 01 STOCKH 03506 231355Z  
ACTION EB-08

INFO OCT-01 EUR-12 ISO-00 MCE-00 SS-15 NSC-05 PM-05  
SSO-00 USIE-00 NSCE-00 INRE-00 DODE-00 NSAE-00  
TRSE-00 ERDA-05 CIAE-00 COME-00 /051 W  
-----017052 231358Z /53

O R 231232Z AUG 77  
FM AMEMBASSY STOCKHOLM  
TO SECSTATE WASHDC IMMEDIATE 1414  
INFO AMEMBASSY MOSCOW

C O N F I D E N T I A L STOCKHOLM 3506

E.O. 11652: GDS  
TAGS: ETRD, SW, UR  
SUBJECT: STANSAAB ATC CONTRACT WITH USSR

REFS: A) STATE 198074, B) STOCKHOLM 3488

FOLLOWING IS TEXT OF LETTER FROM WEDELL AT STANSAAB IN REPLY  
TO USG'S CONCERNS AND QUESTIONS CONTAINED IN REFTEL A.

1. "IN RESPONSE TO THE QUESTIONS ASKED YESTERDAY (AUGUST 22)  
REGARDING THE SUBJECT LICENSE APPLICATION I WOULD LIKE TO SUB-  
MIT THE FOLLOWING COMMENTS:

1) STANSAAB'S RENEWED LICENSE APPLICATION OF JULY 5, 1977 IS  
IN FULL COMPLIANCE WITH THE TEN CONDITIONS SET FORTH IN THE  
MEMORANDUM SUBMITTED BY THE DEPARTMENT OF COMMERCE TO THE  
SWEDISH EMBASSY IN WASHINGTON ON JUNE 24, 1977 AND THE DIS-  
CUSSIONS BETWEEN REPRESENTATIVES OF THE DEPARTMENT OF COMMERCE  
AND STANSAAB IN CONNECTION WITH THE VISIT BY THE SWEDISH MIN-  
ISTER OF FOREIGN AFFAIRS TO THE US SECRETARY OF STATE ON  
JUNE 30, 1977.

2) IN ACCORDANCE WITH CONDITION NO. 1 IN THE SAID  
MEMORANDUM AND THE DISCUSSIONS ON JUNE 30 THE MOSCOW  
ACC SYSTEM WILL BE CONFIGURED WITHOUT PRIMARY RADAR  
EQUIPMENT OR PRIMARY DIGITIZERS. ALL COMPUTER BASED  
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TRACKING WILL BE BASED ON SSR DATA ONLY.

3) IN THE EVENT THAT THE SOVIET CUSTOMER AT A LATER  
STAGE WOULD ENVISAGE FEEDING DIGITIZED PRIMARY RADAR  
DATA TO THE ACC SYSTEM FROM EQUIPMENT OF THEIR OWN  
DESIGN THIS WOULD BE IMPOSSIBLE AS IT WOULD REQUIRE  
STANSAAB SOFTWARE ASSISTANCE AND ADDITIONAL HARDWARE  
WHICH WILL NOT BE PROVIDED.

4) THERE ARE NO STANSAAB DIGITIZERZ OR EXTRACTORS AT ANY OF THE SEVEN RADAR LOCATIONS OR THE MOSCOW ACC. HOWEVER, AT ONE OF THESE SITES DIGIZING EQUIPMENT OF SOVIET DESIGN AND MANUFACTURE IS INSTALLED. THIS EQUIPMENT IS NOT AND WILL NOT BE ATTACHED TO ANY OF THE SYSTEMS TO BE DELIVERED BY STANSAAB. IT IS STANSAAB'S INTENTION TO LATER DELIVER SSR EX-TRACTORS TO THESE SITES IN ORDER TO FACILITATE CONNECTION OF THE KOREN RADAR TO OUR SYSTEMS.

5) THE QUESTION OF EXTENSION OF THE SPECIAL ATC SOFTWARE HAS ALREADY BEEN ADDRESSED IN A LETTER TO MR. MAYER DATED MAY 5, 1977.

"IT IS OBVIOUS THAT ANY ATC SYSTEM WILL UNDERGO CERTAIN CHANGES DURING THE LIFE-TIME OF THE SYSTEM. THERE MAY BE ADJUSTMENTS TO THE TRAFFIC CONTROL PROCEDURES, ALTERATIONS OF THE AIR ROUTES, ETC. WHEN SUCH CHANGES ARE INTRODUCED, THE ATC SOFTWARE MUST OF COURSE BE EXTENDED ACCORDINGLY.

"A FEW SUCH CHANGES ARE ALREADY KNOWN AND OTHERS WILL UNDOUBTEDLY COME UP LATER:

--THE MINTERALNYJE VODY TCC WILL BE CONNECTED TO A PLANNED NOT YET EXISTING AFTN.

--EXISTING LOW-SPEED CONNECTION TO AFTN IN THE MOSCOW ACC AND THE KIEV TCC WILL IN THE FUTURE BE UP-GRADED TO A MEDIUM SPEED CONNECTION.

--ICAO WILL RELATIVELY SOON INTRODUCE CHANGES IN THE

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PRESENT FORMAT OF AFTN MESSAGES.

6) IN ACCORDANCE WITH CONDITIONS NOS. 6, 7 AND 8 IN THE MEMORANDUM OF JUNE 24 THE SOFTWARE DESIGN AND DEVELOPMENT WORK WILL BE DONE IN SWEDEN BY PERSONNEL INSULATED FROM SOVIET USERS AND TRAINEES. ALL SOFTWARE DOCUMENTATION AS WELL AS THE TRAINING WILL BE LIMITED TO THE MINIMUM REQUIREMENT TO OPERATE AND MAINTAIN THE SYSTEM AS ORIGINALLY INSTALLED.

"AS WE HAVE STATED ON SEVERAL OCCASIONS SOME LIMITED KNOWLEDGE OF THE SOURCE CODE MODULES OF THE APPLICATION PROGRAMS IS NECESSARY IN ORDER TO PERFORM MAINTENANCE OF THE PROGRAMMING SYSTEMS. HENCE, BRIEF DESCRIPTIONS OF THOSE SOURCE CODE MODULES WILL BE INCLUDED IN THE DOCUMENTATION."

PERRY

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## Message Attributes

**Automatic Decaptoning:** X  
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**Channel Indicators:** n/a  
**Current Classification:** UNCLASSIFIED  
**Concepts:** SALES, ELECTRONIC EQUIPMENT, CONTRACTS, AIR TRAFFIC CONTROL  
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**Decaption Note:**  
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**Disposition Approved on Date:**  
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**Disposition Date:** 22 May 2009  
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**Reference:** 77 STATE 198074, 77 STOCKHOLM 3488  
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**Review Markings:**  
Margaret P. Grafeld  
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